

IN THE CLAIMS

Please cancel claims 4-27 and 32 without prejudice or disclaimer.

Please re-write claims 1, 2, 28, and 33 as follows:

- 25
1. (Amended) An adenoviral vector comprising a DNA sequence encoding endostatin operatively linked to a promoter controlling expression of said DNA sequence.
 2. (Amended) The vector of Claim 1, further comprising a DNA sequence encoding a secretion signal peptide immediately 5' and fused in-frame to said DNA sequence encoding endostatin.
- 28
28. (Amended) A method of expressing endostatin in a cell, comprising:
administering to a cell the adenoviral vector of Claim 1, whereby administration of the vector results in expression of endostatin in the cell
- 33
33. (Amended) The vector of Claim 1, wherein said promoter is a Rous sarcoma virus (RSV) promoter.

Please add new claims 34-49 as follows:

- 34
34. (New) The method of Claim 29 wherein said cell is a human cell.
 35. (New) The method of Claim 28, wherein said cell is an endothelial cell.
 36. (New) The method of Claim 35, wherein said cell is a blood vessel endothelial cell.
 37. (New) The method of Claim 28, wherein the adenoviral vector is administered to the cell *in vitro*.
 38. (New) The vector of Claim 1, wherein said promoter is an adenoviral promoter.
 39. (New) The vector of Claim 1, wherein said promoter is a foreign promoter.

40. (New) The vector of Claim 1, wherein said DNA sequence encodes murine endostatin.
41. (New) The vector of Claim 1, wherein said DNA sequence encodes human endostatin.
42. (New) The vector of Claim 2, wherein said secretion signal peptide is the human basement membrane protein BM40 leader.
43. (New) The vector of Claim 3, comprising SEQ ID NO:2.
44. (New) The vector of Claim 42, comprising SEQ ID NO:5.
45. (New) The vector of Claim 1, wherein the vector is free of at least the majority of adenoviral E1 and E3 DNA sequences.
46. (New) The vector of Claim 45, wherein the vector is also free of at least a portion of at least one DNA sequence selected from the group consisting of adenoviral E2 and E4 DNA sequences.
47. (New) The vector of Claim 1, wherein the vector is free of all or a portion of each of the adenoviral E1 and E4 DNA sequences.
48. (New) The vector of Claim 1, wherein the vector is free of all or a portion of each of the adenoviral E1 and E2 DNA sequences.
49. (New) The vector of Claim 1, wherein the vector is free of all or a portion of each of the adenoviral E1, E2, and E4 DNA sequences.